

Manual rope winches, type AFD

Suitable for use in agriculture, in sewage plants and slurry systems, as well as in cattle and poultry breeding, but also for car trailers.

- Galvanised design
- Open housing for vertical cable guidance
- The gear cover protects the user from injuries
- With load pressure brake
- Integral, robust, galvanised housing
- Optimised gear reduction and improved drum

Manual rope winches, type MR/GM

Drum sprag unit

When the brake is released, the unloaded cable can be pulled off manually.

Two lifting types

Hoist winch, type MR: The crank lever is latched forwards and backwards to rotate the drum, alternatively, also fully cranked.

Hoist winch, type GM: The crank must be turned by 360 degrees, for which the winch must be raised or standing freely in order to enable these rotations.

Equipment features:

- Self-closing load pressure brake
- Drum sprag unit
- All steel design
- Ball bearing with lifetime lubrication
- High-tensile tempered gears
- Fast gear for unloaded cables
- With rotary handle (GM) or ratchet (MR)
- Enamel powder-coated
- Tested with 150 % excess load



TYPE		4 AFD Mini	4 AFD	6 AFD	8 AFD	12 AFD	20 AFD
Max. pulling force bottom cable layer	daN	190	340	500	650	900	1,180
Max. pulling force top cable layer	daN	80	190	240	270	490	650
Pulling force, rolling load *	daN	350	500	750	900	1,500	2,500
Drum diameter	mm	27	40	45	54	63	76
Rope diameter	mm	3	4	5	6	8	8
Rope length	m	8	12	14	19	13	10
Minimum load for brake function	kg	10	10	10	10	10	10
Gear reduction		1/2.57	1/3.5	1/4.85	1/9.71	1/9.71	1/21.85
Dimensions without hand crank (L x W x H)	mm	126 x 78 x 96	128 x 117 x 96	161 x 132 x 128	200 x 132 x 167	214 x 155 x 170	214 x 155 x 170
Length hand crank	mm	168	170	213	263	267	302
Weight without rope	kg	2.2	2.7	3.7	5.5	7.4	7.8
Manual rope winch AFD... without rope	Order No.	H30070	H30071	H30072	H30073	H30074	H30075
Accessories rope with hook	Order No.	H30180	H30181	H30182	H30183	H30184	H30185

* at 30% gradient



4 AFD Mini



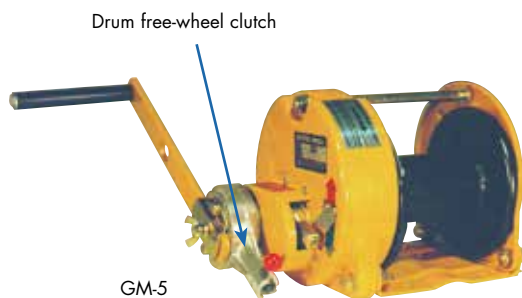
4 AFD



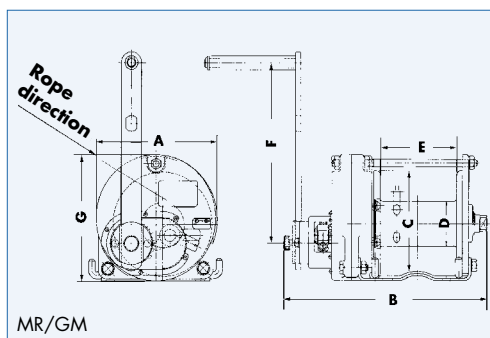
8 AFD



20 AFD



GM-5



MR/GM

TYPE	MR/GM ...	-1	-3	-5	-10	-20	-30
Max. capacity	kg	100	300	500	1,000	2,000	3,000
Rope take-up	m	35	32	40	40	45	35
Rope diameter	mm x m	5	6	6	8	9	12
MR	(ratchet lever)						
Lever- 2nd position	daN	16	8.7	8.7	14.8	15	14.2
force 4th position	daN	20	12.5	12	17.5	20	20.5
GM	(360° lever)						
Lever- 2nd position	daN	16	8.8	8.7	12.8	15	14.2
force 4th position	daN	20	12.5	12	17.5	20	20.5
A (Dimensions)	mm	197	212	212	212	280	297
B	mm	282	364	379	414	464	613
C	mm	130	150	175	175	195	195
D	mm	60	60	76	76	89	89
E	mm	120	120	135	170	180	265
F	mm	250	250	250	300	370	370
G	mm	158	210	210	210	250	273
Weight without rope (MR)	kg	9.5	15.5	16.5	17.5	26.5	41.5
Weight without rope (GM)	kg	8	13.5	15	16	25	40
MR... without rope	Order No.	H30009	H30010	H30011	H30012	H30013	H30014
GM... without rope	Order No.	H30015	H30016	H30017	H30018	H30019	H30020
Optional rope with hook	Order No.	H30186	H30187	H30188	H30189	H30190	H30191